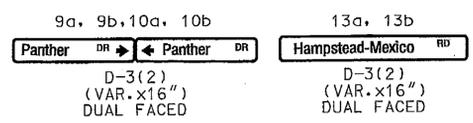


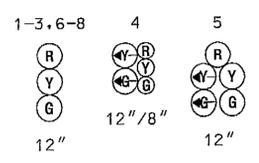
**EXISTING SIGNS**



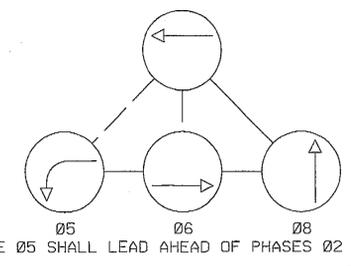
**PROPOSED SIGNS**



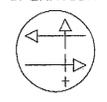
**PROPOSED LED SIGNALS**



**NEMA PHASING**



**FLASHING OPERATION**



NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

SEE MATCH LINE A-A THIS SHEET

SEE MATCH LINE B-B THIS SHEET

SEE MATCH LINE B-B THIS SHEET

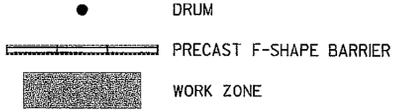
SEE MATCH LINE A-A THIS SHEET

PANTHER DR.

TO HAMPSTEAD BY-PASS

TO MAIN ST.

**MOT LEGEND**



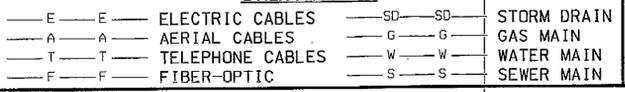
**GENERAL NOTES**

- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
- FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL (WITH THE EXCEPTION OF THE EXISTING CONTROLLER).
- ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCELL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

**CONSTRUCTION DETAILS**

- INSTALL 15 FT. STEEL "T" POLE WITH TWIN 60/50 FT. MAST ARMS, LED TRAFFIC SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERA. (NOTE: INSTALL 1-2 IN. AND 1-3 IN. SCHEDULE 80, 90-DEG. PVC ELECTRICAL CONDUIT BENDS IN POLE BASE).
- INSTALL NEMA SIZE '6' BASE MOUNTED CABINET AND CONTROLLER WITH CONCRETE PAD (NOTE: INSTALL 2-4 IN. AND 2-2 IN. SCHEDULE 80, 90-DEG. PVC ELECTRICAL CONDUIT BENDS IN CABINET BASE).
- INSTALL HANDHOLE.
- INSTALL 3 IN. SCHEDULE 80, PVC CONDUIT - TRENCHED.
- INSTALL 4 IN. SCHEDULE 80, PVC CONDUIT - TRENCHED.
- INSTALL 3 IN. SCHEDULE 80, PVC CONDUIT - BORED.
- INSTALL 4 IN. SCHEDULE 80, PVC CONDUIT - BORED.
- INSTALL NON-INVASIVE MIRCROLOOP PROBE DETECTOR WITH 500 FT. LEAD-IN CABLE.
- USE EXISTING HANDHOLE.
- REMOVE EXISTING CABINET AND ALL ASSOCIATED EQUIPMENT.
- REMOVE EXISTING HANDHOLE CAP AND ABANDON EXISTING CONDUIT.
- REMOVE EXISTING SIGNAL HEAD.
- REMOVE EXISTING TRAFFIC SIGNAL POLE, ALL ASSOCIATED EQUIPMENT, AND FOUNDATION 12 IN. BELOW GRADE.
- INSTALL LED SIGNAL HEAD ON EXISTING MAST ARM.

**UTILITY LEGEND**



**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 30 RELOCATED  
FROM SOUTH OF WOLF HILL DRIVE TO NORTH OF HAMPSTEAD  
MD 482 (HAMPSTEAD MEXICO RD) AND PANTHER DRIVE

Maintenance of Traffic - Pre-Phase  
4/1/08 - FIELD CHANGE

APPROVALS		REVISIONS		TRAFFIC SIGNALIZATION PLAN	
TEAM LEADER	ASSIST. DIV. CHIEF	DESIGNED BY	COUNTY	SCALE 1" = 20'	DATE 3/7/08
DIVISION CHIEF	OFFICE DIRECTOR	DRAWN BY	LOGMILE	CONTRACT NO.	AT2851H5
ORIGINAL ON FILE		CHECKED BY	T.I.M.S. NO.	ISSUED FOR CONSTRUCTION 8/30/07 - SUBMITTAL #20	
		F.A.P. NO.	TOD NO.	TS NO. 4197B	DRAWING SG-07 OF 19

**WHITNEY CONSULTING ENGINEERS**  
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